

# EURODET SERIES



## ■ PRODUCT DESCRIPTION

The Eurodet range is a series of polycarboxylic acid polymers used for their excellent dispersion and anti-precipitation properties in a wide range of detergents.

## ■ PRODUCT DESCRIPTION

The different liquid sodium salt Eurodet types are shown in table below. Full specifications are given on separate product datasheets.

PRODUCT	TYPE	MOLECULAR WEIGHT	SOLIDS (%)
Eurodet 4200	Acrylic/maleic copolymer	70.000	40.0
Eurodet 4210	Acrylic homopolymer	4.500	45.0
Eurodet 4225	Acrylic homopolymer	8.000	45.0
Eurodet 4230 PN	Acrylic copolymer	11.000	40.0

## ■ BENEFITS

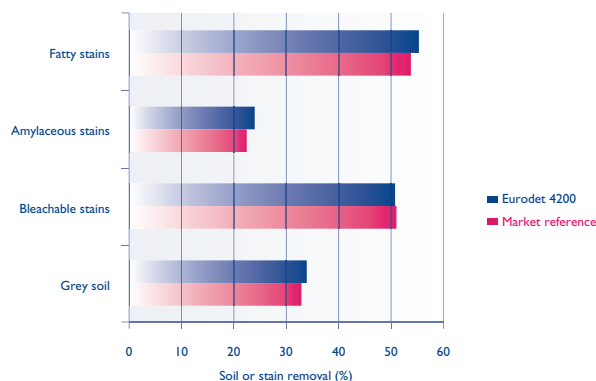
- ➔ Water soluble polymers
- ➔ Sequestration of calcium and magnesium ions
- ➔ Dispersant for insoluble builders
- ➔ Improved cleaning
- ➔ Anti-redeposition of soils
- ➔ Improved whiteness
- ➔ Inhibition of incrustation

## ■ APPLICATIONS

Home care: powder and liquid laundry, automatic dish washing, all purpose cleaners  
Institutional and industrial applications: dish washing, industrial cleaners

## ■ WASHING EFFICIENCY

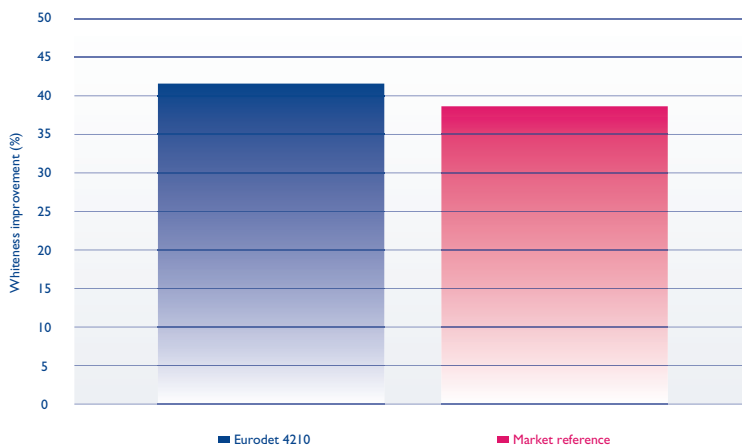
Two cotton test pieces for each of the different soils have been pinned on dish towels in view of evaluation of the washing efficiency through measurement of reflectance before and after washing at 40°C in a front loading washing machine using 91g of a reference detergent containing 2,4% active polymer (CTTN, France).



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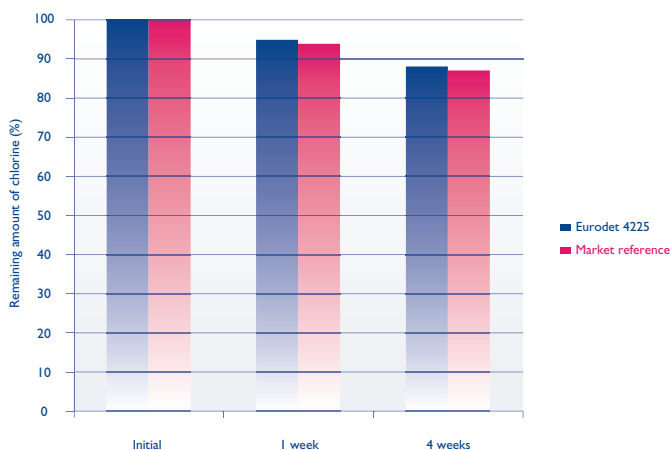
## WHITENESS

Whiteness of two samples of white cotton is evaluated through measurement of reflectance of the green and blue trichromatic components before and after washing (CTTN, France).



## CHLORINE STABILITY

Storage of samples of a liquid bleach formulation containing 10% of Eurodet 4225 illustrates the chlorine stability of a hard surface cleaner (SGS, Belgium).



## APPLICATIONS

Table below shows the main areas of application of the different Eurodet types in home care and industrial and institutional products.

		EURODET 4200	EURODET 4210	EURODET 4225	EURODET 4230 PN
Laundry care	Powder	x	x	x	x
	Tablet	x	x	x	x
	Liquid	x	x		x
Automatic dish washing	Powder		x	x	x
	Tablet		x	x	x
	Liquid		x	x	x
Hard surface cleaners	Liquid	x	x	x	x

## EOC SURFACTANTS

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